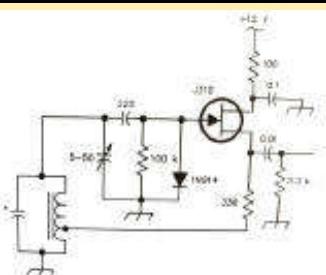
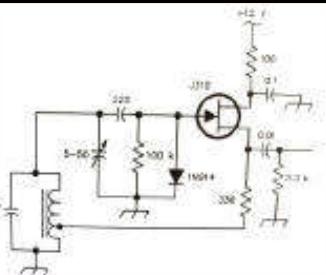


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	<h1>Local Oscillator</h1>	
Mesilla Valley Radio Club		

This is a pdf file. It will print easily. A free pdf file reader is at <http://www.adobe.com>

Current Events			Table of Contents
Date	Event	Time	
Sat	Informal at Cracker Barrel	6:00 AM	
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
Feb 6	Coffee Club House	8 AM	
Feb 6	Business meeting Club House	9 AM	
Feb 2	Builder's Group Club House	7 PM	
Feb 10	Board Meeting Club House	7 PM	
Feb 9	Linux -SIG Club House	7 PM	
Feb 16	Builders Group Club House	7 PM	
Feb 23	Linux - SIG Club House	7 PM	
Feb 18	Exhibit meeting	2 pm	
For more events see http://www.n5bl.org/calendar			



More information at <http://swantenna.com>



Exhibit Planning

The Articles for This Month

Exhibit Planning

The city of Las Cruces and the Mesilla Valley Radio Club have agreed that the club will construct and operate a display of the history of radio in the Brantigan Cultural Center during the month of September. The club has agreed to design, construct and man a display with construction to begin in August.

There was a meeting of all interested in helping on Thursday, January 28, at the club house. The display was tentatively outlined. It is planned that displays would be constructed along a timeline starting with Maxwell's equations and ending with the construction of the Broad Band Ham Net (BBHN). In between one would have information about Marconi, the first broadcast station west of the Mississippi, emergency communications (EOC), cw, old radio equipment, WWV, QSS, and anything else that anybody would care to develop.

There will be another meeting on February 18 at 2 PM in the club house. Everybody with any ideas is urged to attend

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Unclassified

FOR SALE:

HP power supply

This is a linear supply and being an HP, it has very low noise and ripple. Supply works fine and display is accurate. Selling because I need something bigger.

Info:here: <http://www.keysight.com/en/pd-836823-pn-E3630A/35-w-triple-output-6v-25a-20v-05a?cc=US&lc=eng>

Closeup picture here (not a picture of mine):

<http://www.us-instrument.com/objects/catalog/product/image/img1497.jpg>

It looks like the completed sales on ebay are \$300 or more for one of these. Asking \$150.

Joe Gray W5JG

FOR SALE:

Extech 380193 LCR meter. Also measures several related values.

Measuring dissipation (D) will tell you if your electrolytic caps are still good. You can test batches of similar components by using the hi/lo limits function. See info and docs here:

<http://www.extech.com/instruments/product.asp?catid=56&prodid=349>

Meter and alligator probes. I don't have the original box any more. I may have the manual. If not, download the PDF. Works just fine. Current price at Mouser is \$220. Asking \$120.

Joe Gray W5JG

For Sale:

HP 62615M SMPS. Rated 15VDC @ 40A. I have it adjusted to 13.8V. Slightly smaller than an Astron 20A supply. Excellent regulation and very low noise(<50mVpp). Typical HP quality. At 40A continuous duty, this thing will run multiple radios easily. Asking \$75 OBO.

Joe Gray W5JG

INFORMATION REQUESTED

Bill Johnston, K5ZI, (johnstonRanch@totacc.com) would like to know if anyone can provide the names of the persons who held the call signs below, during the years indicated:

1955 W5GPK
1973 W5YB
1978 WD5IOP
1999 N5XCQ

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Each one is known to have held the call sign during the year indicated, but it is not known for how long before or after that year.

Monthly Club Meeting

KE5JWC

MESILLA VALLEY RADIO CLUB MINUTES GENERAL MEETING 01-02-16

Club Meet and Greet: 0800 to 0900

Educational Program: Terry Angle **AE5XI**, and Charlie Combs **KG5BVE**, presented the Server and Website Project which focused on building a Linux Ubuntu web page using a Raspberry PI II module project board and free software programs. While this project can be somewhat technical, Terry and Charlie stand ready to answer any questions you may have but advise that costs to complete such a project are minimal.

At 1010 newly elected Club President Sven Breden **WB5OCY** officially opened the Business Meeting. The floor was turned over to Rob Truitt **KE5OKF** who advised he will continue to maintain the repeaters and reported that all repeaters are in working order and the Mesh Net is up and running with connections to Wyoming and Colorado and that Evans Ralston **KF5DNI** has installed his Ubiquiti Rocket 120 extending the reach of the BBHN. El Paso is currently working on a bridge to connect to our network. Mesilla Valley Regional Dispatch Authority (MRVDA) has ordered 3 Ubiquiti's which will again greatly enhance the system. Rob commented that the club has one of the best BBHN Mesh Networks in the area and possibly the country. Rob is the newly appointed South West ARRL Representative. He can handle Life Memberships.

Bob Bennett **AD5LJ**, Building Manager, announced that there is still various items of hardware available for sale by the club.

Cash Olsen **KD5SSJ** Education, advised that he is planning to do the presentation at the next meeting if his abstract is accepted. His topic will be Time and Frequency. He is working on setting up presentations for the first half of 2016 and is asking members to "step up" and assist with one of their own. He is working on a start-up Tech Class and said some club members can do individual mentoring if needed. Check in with Cash for any details. He reminded the club that the Building Group meetings are the 1st and 3rd Tuesday, 7PM at the club and the Linux Group is the 2nd and 4th Tuesday. They sometime intermingle.

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George Kopp **KD5OHA** Race Coordinator reminded the club that the Bataan Special Event was coming up in March and that assistance was still needed for both the race and the Special Event Station. The next race will be the Super Bowl Sunday Race on February 7th.

Charles **KG5BVE**, who has volunteered to be the club's Special Events Coordinator, advised that the notice for the Bataan Special Event is scheduled to be posted in the March QST and that the SE call sign **K5B** has been secured.

Sven **WB5OCY** opened a discussion on moving the Bean Feed up a few weeks in to May as in the past two years inclement weather has been an issue. While he commented that it did not appear to hamper the brisk sales, hams who traveled near and far did not have the opportunity to hang out and chat with their friends. It was agreed that the issue would be taken up at the Board Meeting on Wednesday. He also opened a discussion on changing the date of the General Meeting, but only when it clashed with other Ham Radio events that members might want to attend i.e. Socorro or Alamogordo Ham Fests. A brisk discussion followed and Rob **KE5OFK** made a suggestion that the board address this issue on an "as needed" basis. Sven also asked for comments regarding additional club social events i.e. Pizza Socials or a possible trip to the Very Large Array. A proposal for the VLA visit was to do so during the Socorro Ham Fest and seconded by Harvey **KE5OFK**.

Rob **KE5OFK** advised that he had a nice meeting and lunch with the Deming Amateur Radio Club and also suggested that our club may have a better Christmas Party participation if it were held on a weekend at lunchtime. The matter was tabled for the board.

Henry Schotzko **AD5FE** the Area Coordinator for ARES and RACES reminded the club of the quarterly meeting at the Emergency Operations Center at the County Building located at Spruce and Solano and said all were welcome to attend. It was suggested that Henry do a presentation to the club and he will look into it. He also advised that ICS 700, 100, and 200 Courses were available through the ARRL Website and were free of charge.

Perry Steinman **KC7VHS** the club's VE Coordinator, advised that it was the job of the members of the club to "scare up" the people who needed testing and a testing date could be scheduled in 3 days or less.

At 11:00 the meeting was adjourned. **Please remember to pay your dues if you have not already done so.**

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Club Officers and Board Members for 2016:

Sven Breden **WB5OCY**
 John Cruddas **KE5JWC**
 Hugo Costa **N1MEX**

President
 Secretary/Communications Officer
 Treasurer

Board members:

Sven Breden WB5OCY	Chairman
John Cruddas KE5JWC	Member
Hugo Costa N1MEX	Member
Cash Olsen KD5SSJ	Member
Bob Bennett AD5LJ	Member
Alex Burr KX5Y	Member
Robert Truitt KE5OFK	Member
Terry Wood KF5SMQ	Member

Monthly Board Meeting

KE5JWC

MESILLA VALLEY RADIO CLUB MINUTES BOARD MEETING 01-06-16

Meeting called to order: 7:05PM

Board members:

Sven Breden WB5OCY	Member
John Cruddas KE5JWC	Member
Hugo Costa N1MEX	Member (Not Present)
Cash Olsen KD5SSJ	Member
Bob Bennett AD5LJ	Member
Alex Burr KX5Y	Member
Robert Truitt KE5OFK	Member (Not Present)
Terry Wood KF5SMQ	Member (Not Present)

Also present:

George Kopp **KD5OHA**
 Charles Combs **KG5BVE**

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Bob advised that he had collected the accumulated cash from the club house and put it in the club account. He also passed out the current key list and asked the members if they could add any corrections or account for some of the people on the list. Based on the many unaccounted for keys Sven directed that Bob have the locks re-tooled.

Charles provided updated information on the progress of the Bataan Special Event.

Alex inquired as to who was running the club's (on-line) Calendar and Cash advised he was and had made some attempts to bring it up to date.

A discussion was held regarding the moving of the Bean Feed to the 2nd Saturday in May. Sven made a proposal to move it and Cash seconded the motion. This will take affect this year.

George advised that the Super Bowl Sunday race would be held on February 7th. Starting point will be at Centennial High School. George can be contacted if interested. He also has 14 or 15 responses from volunteers for the Bataan Death March which is more than he had at this time last year.

Sven talked about possible field trips to the VLA, Sunspot, NM, or the EOC. More will be discussed in future meetings or on the club mirror.

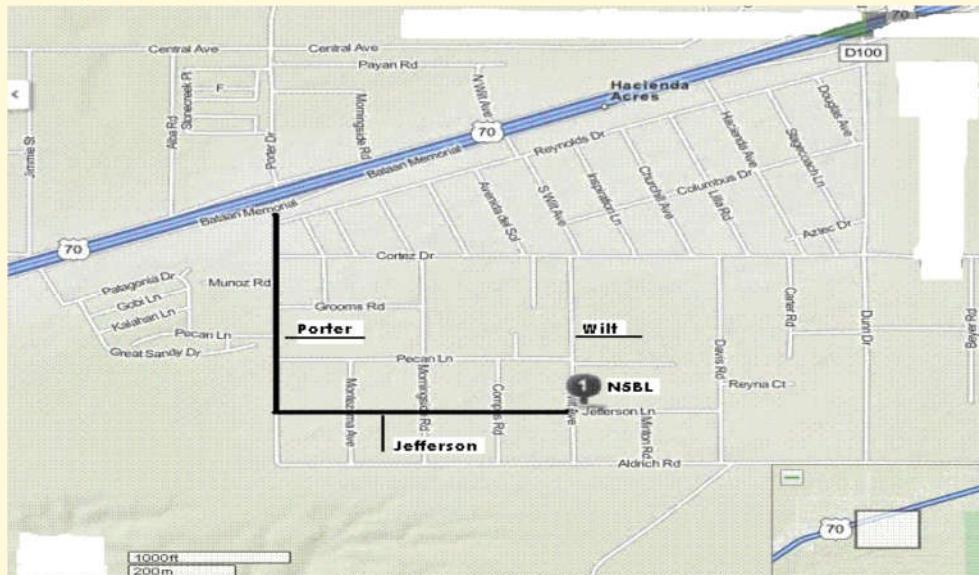
At 7:55 Sven called the meeting closed.

Treasurer Report

Not available

CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	WB5OCY	525-9445	sven.breden@gmail.com
VP				
Secretary	John Cruddas	KE5JWC	525-9445	KE5JWC@yahoo.com
Treasurer	Hugo Costa	N1MEX	644-9211	n1mex@arrl.net
Board Members				
	Cash Olsen	KD5SSJ	382-1917	kd5ssj@arrl.net
	Bob Bennett	AD5LJ	382-0148	rpbennett1@comcast.net
	Alex. Burr	K5XY	522-2528	k5xy@arrl.net
	Robert Truitt	KE5OFK	649-4173	robhtruitt@zianet.com
	George Kopp	KD5OHA	525-1956	geokd5oha@yahoo.com
	Terry Wood	KF5SMQ		

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JOIN THE CLUB

To join the Mesilla Valley Radio Club, renew your membership, or to support the repeaters, please print, cut out, and complete the form below. Send it with dues (\$35 single, \$45 family per year. to: Treasurer, MVRC, Box 1443, Las Cruces, NM 88004.

MESILLA VALLEY RADIO CLUB

CALL SIGN(S) _____ FAMILY yes _____ no _____

LICENSE CLASS (E, A, G, T, N) _____

ARRL (Y/N) _____

ARRL VE (Y/N) _____

Would you like to be added to the MVRC reflector? _____

NAME _____

EMAIL _____

STREET ADDRESS _____

CITY & ZIP _____ PHONE _____ (OPTIONAL)

INTERESTS - Computer _____ Contests _____ Digital _____ Elmer _____ Emergency Communications _____ Field Day _____

Packet _____ Programs _____ Public Service _____ Publicity _____ RFI _____ Repeater _____ Social _____ License Classes _____

Teach License Classes _____ Volunteer Examiner _____ Other _____

SINGLE \$35 FAMILY \$45